

## Symantec Backup Exec 12 *for Windows Servers*: Administration (Suite)

### COURSE DESCRIPTION

The Symantec Backup Exec 12 for Windows Servers: Administration course suite is designed for the data protection professional tasked with backing up and restoring critical data and vaulting the media on which backup data is stored. This 5-day, instructor-led, hands-on class covers how to backup, restore, and vault data. Students will also learn how to configure storage devices, manage media, and troubleshoot Backup Exec. Students also learn to work with add-on agents and options which expand Backup Exec's core functionality.

#### Delivery Method

Instructor-led training (ILT)

#### Duration

5 days

#### Course Objectives

By the end of this course, you should be able to:

- Describe the basic functions of Backup Exec.
- Manage devices and media for use with Backup Exec.
- Run basic backup jobs.
- Establish backup policies and templates.
- Restore backed-up data.
- Evaluate Backup Exec reports.
- Use proprietary utilities to troubleshoot problems.
- Optimize Backup Exec performance.
- Integrate the Symantec Protection Network and Symantec EndPoint Protection with Backup Exec.
- Configure advanced Backup Exec functions.
- Manage, maintain, troubleshoot, and protect the Backup Exec database.
- Install and use the following add-on packages:
  - Advanced Open File Option
  - Advanced Disk-Based Backup Option
  - Central Admin Server Option
  - Desktop and Laptop Agent
  - Continuous Protection Server
- Use Backup Exec to protect databases.

#### Who Should Attend

This course is for system administrators, system engineers, technical support personnel, consultants, network administrators, backup administrators, backup operators, and others who are responsible for installing, configuring, and administering Backup Exec 12.

#### Prerequisites

You should have working knowledge of administration and configuration of the Windows 2000 Server and Windows Server 2003 platforms, and you should have experience configuring server software and hardware.

Knowledge of domain security and experience with Active Directory, Windows Server 2008, and Windows Vista are recommended. Knowledge of MS-SQL Server is beneficial, but not necessary.

#### Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment. Additionally, assessment items at the end of each lesson test your knowledge and comprehension of the information provided.

### COURSE OUTLINE

#### *Symantec Backup Exec 12: Administration I*

##### Course Introduction

- About This Course
- Symantec's Education and Support Resources
- Differences in Backup Exec 12

##### Backup Exec Fundamentals

- Backup Exec Architecture
- Installing a Media Server
- Running a Basic Backup Job
- Running a Basic Restore Job

##### Devices and Media

- Supported Devices and Media
- Configuring Devices
- Managing Devices
- Managing Media
- Media Catalogs

##### Backing Up Data

- Types of Backup Jobs
- Configuring Backup Jobs
- Running Backup Jobs
- GRT Backups

### **Establishing Backup Policies**

- Policies
- Templates
- Relationship Rules
- Creating a Policy-Based Backup Job

### **Restoring Data**

- Restore Attributes
- Running Restore Jobs
- Intelligent Disaster Recovery

### **Advanced Functionality**

- Advanced Device Settings
- Advanced Media Functions
- Encryption
- Vaulting Media

### **Monitoring and Troubleshooting Backup Exec**

- Monitoring Backup Exec Activity
- Controlling Backup Exec Activity
- Backup Exec Utilities

### **Performance Tuning**

- Disk Space Management
- Disk Staging
- Device Management
- The Backup Exec Database

## ***Symantec Backup Exec 12: Administration II***

### **Additional Symantec Solutions**

- The Symantec Protection Network
- Symantec EndPoint Protection Integration

### **Remote Agents**

- Remote Agent for Windows Systems (RAWS)
- Remote Agent for Linux and UNIX Servers (RALUS)
- Additional Agents
- Active Directory Recovery Agent

### **Advanced Backup Methods**

- Advanced Open File Option (AOFO)
- Advanced Disk-Based Backup Option (ADBO)
- Duplicating Backup Sets

### **Desktop and Laptop Option**

- DLO Overview
- Installing DLO
- Configuring DLO
- Restoring Files Using DLO
- Monitoring DLO
- Advanced DLO Functions

### **Central Admin Server Option**

- CASO Overview
- Installing and Configuring CASO
- Backing Up Files Using CASO
- Restoring Files Using CASO
- Monitoring CASO

### **Continuous Protection Server**

- CPS Overview
- Installing and Configuring CPS
- CPS Jobs
- Restoring CPS Data
- Monitoring CPS Activity

### **Database Agents**

- Database Agents Overview
- Installing Database Agents
- Supported Databases

## ***Symantec Backup Exec 12: Example Database Agent Configurations***

### **Agent for MS-SQL Server**

- MS-SQL Server Overview
- MS-SQL Server Agent Overview
- Backing Up MS-SQL Server
- Restoring an MS-SQL Server Database

### **Agent for Microsoft Exchange Server**

- Microsoft Exchange Server Overview
- Exchange Agent Overview
- Backing Up Microsoft Exchange
- Restoring Microsoft Exchange
- Continuous Protection for Exchange Data

### **Agent for Enterprise Vault**

- Enterprise Vault Overview
- Enterprise Vault Agent Overview
- Backing Up Enterprise Vault
- Restoring Enterprise Vault

### **Agent for Microsoft SharePoint**

- Microsoft SharePoint Overview
- SharePoint Agent Overview
- Backing Up Microsoft SharePoint
- Restoring Microsoft SharePoint